

Figure 1

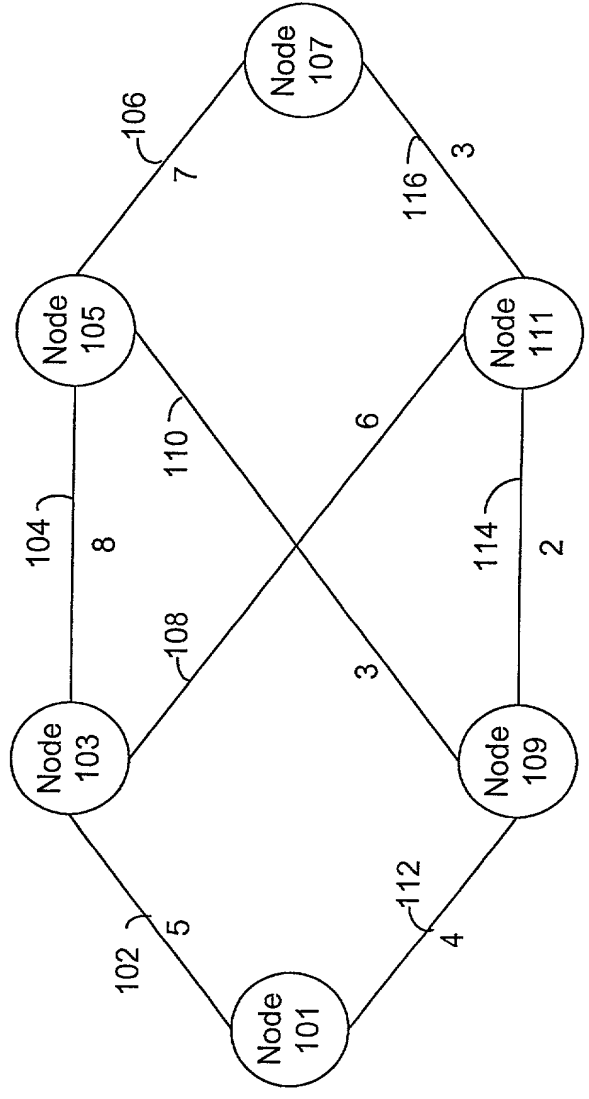


Figure 2

Node 101 Routing Table		
Node	Next Hop	Link
Node 103	Node 103	Link 102
Node 105	Node 109	Link 112
Node 107	Node 109	Link 112
Node 109	Node 109	Link 112
Node 111	Node 109	Link 112

Figure 3A

301a	<table><tr><td colspan="2">Link State Packet From Node 101</td></tr><tr><td>Node 103</td><td>5</td></tr><tr><td>Node 109</td><td>4</td></tr></table>	Link State Packet From Node 101		Node 103	5	Node 109	4		
Link State Packet From Node 101									
Node 103	5								
Node 109	4								
303a	<table><tr><td colspan="2">Link State Packet From Node 103</td></tr><tr><td>Node 101</td><td>5</td></tr><tr><td>Node 105</td><td>8</td></tr><tr><td>Node 111</td><td>6</td></tr></table>	Link State Packet From Node 103		Node 101	5	Node 105	8	Node 111	6
Link State Packet From Node 103									
Node 101	5								
Node 105	8								
Node 111	6								
305a	<table><tr><td colspan="2">Link State Packet From Node 105</td></tr><tr><td>Node 103</td><td>8</td></tr><tr><td>Node 107</td><td>7</td></tr><tr><td>Node 109</td><td>3</td></tr></table>	Link State Packet From Node 105		Node 103	8	Node 107	7	Node 109	3
Link State Packet From Node 105									
Node 103	8								
Node 107	7								
Node 109	3								
307a	<table><tr><td colspan="2">Link State Packet From Node 107</td></tr><tr><td>Node 105</td><td>7</td></tr><tr><td>Node 111</td><td>3</td></tr></table>	Link State Packet From Node 107		Node 105	7	Node 111	3		
Link State Packet From Node 107									
Node 105	7								
Node 111	3								
309a	<table><tr><td colspan="2">Link State Packet From Node 109</td></tr><tr><td>Node 101</td><td>4</td></tr><tr><td>Node 105</td><td>3</td></tr><tr><td>Node 111</td><td>2</td></tr></table>	Link State Packet From Node 109		Node 101	4	Node 105	3	Node 111	2
Link State Packet From Node 109									
Node 101	4								
Node 105	3								
Node 111	2								
311a	<table><tr><td colspan="2">Link State Packet From Node 111</td></tr><tr><td>Node 103</td><td>6</td></tr><tr><td>Node 107</td><td>3</td></tr><tr><td>Node 109</td><td>2</td></tr></table>	Link State Packet From Node 111		Node 103	6	Node 107	3	Node 109	2
Link State Packet From Node 111									
Node 103	6								
Node 107	3								
Node 109	2								

Figure 3B

301b	<table> <tr> <th colspan="2">Link State Packet From Node 101</th></tr> <tr> <td>Node 103</td><td>5</td></tr> <tr> <td>Node 109</td><td>4</td></tr> </table>	Link State Packet From Node 101		Node 103	5	Node 109	4		
Link State Packet From Node 101									
Node 103	5								
Node 109	4								
303b	<table> <tr> <th colspan="2">Link State Packet From Node 103</th></tr> <tr> <td>Node 101</td><td>5</td></tr> <tr> <td>Node 105</td><td>8</td></tr> <tr> <td>Node 111</td><td>6</td></tr> </table>	Link State Packet From Node 103		Node 101	5	Node 105	8	Node 111	6
Link State Packet From Node 103									
Node 101	5								
Node 105	8								
Node 111	6								
305b	<table> <tr> <th colspan="2">Link State Packet From Node 105</th></tr> <tr> <td>Node 103</td><td>8</td></tr> <tr> <td>Node 107</td><td>7</td></tr> <tr> <td>Node 109</td><td>3</td></tr> </table>	Link State Packet From Node 105		Node 103	8	Node 107	7	Node 109	3
Link State Packet From Node 105									
Node 103	8								
Node 107	7								
Node 109	3								
307b	<table> <tr> <th colspan="2">Link State Packet From Node 107</th></tr> <tr> <td>Node 105</td><td>7</td></tr> </table>	Link State Packet From Node 107		Node 105	7				
Link State Packet From Node 107									
Node 105	7								
309b	<table> <tr> <th colspan="2">Link State Packet From Node 109</th></tr> <tr> <td>Node 101</td><td>4</td></tr> <tr> <td>Node 105</td><td>3</td></tr> <tr> <td>Node 111</td><td>2</td></tr> </table>	Link State Packet From Node 109		Node 101	4	Node 105	3	Node 111	2
Link State Packet From Node 109									
Node 101	4								
Node 105	3								
Node 111	2								
311b	<table> <tr> <th colspan="2">Link State Packet From Node 111</th></tr> <tr> <td>Node 103</td><td>6</td></tr> <tr> <td>Node 107</td><td>3</td></tr> <tr> <td>Node 109</td><td>2</td></tr> </table>	Link State Packet From Node 111		Node 103	6	Node 107	3	Node 109	2
Link State Packet From Node 111									
Node 103	6								
Node 107	3								
Node 109	2								

Figure 4

401	PATH	Parent					
		Node					
		Metric					
	TENT	Parent	101	101			
		Node	103	109			
		Metric	5	4			
403	PATH	Parent	101				
		Node	109				
		Metric	4				
	TENT	Parent	101	109	109		
		Node	103	111	105		
		Metric	5	6	7		
405	PATH	Parent	101	101			
		Node	109	103			
		Metric	4	5			
	TENT	Parent	109	109			
		Node	111	105			
		Metric	6	7			
407	PATH	Parent	101	101	109		
		Node	109	103	111		
		Metric	4	5	6		
	TENT	Parent	109	111			
		Node	105	107			
		Metric	7	9			
409	PATH	Parent	101	101	109	109	
		Node	109	103	111	105	
		Metric	4	5	6	7	
	TENT	Parent	111				
		Node	107				
		Metric	9				
411	PATH	Parent	101	101	109	109	111
		Node	109	103	111	105	107
		Metric	4	5	6	7	9
	TENT	Parent					
		Node					
		Metric					

Figure 5

501	PATH	Verified?					
		Parent					
		Node					
		Metric					
	TENT	Parent	101	101			
		Node	103	109			
		Metric	5	4			

503	PATH	Verified?	No				
		Parent	101				
		Node	109				
		Metric	4				
	TENT	Parent	101	109	109		
		Node	103	111	105		
		Metric	5	6	7		

505	PATH	Verified?	Yes	No			
		Parent	101	101			
		Node	109	103			
		Metric	4	5			
	TENT	Parent	109	109			
		Node	111	105			
		Metric	6	7			

507	PATH	Verified?	Yes	Yes	No		
		Parent	101	101	109		
		Node	109	103	111		
		Metric	4	5	6		
	TENT	Parent	109	111			
		Node	105	107			
		Metric	7	9			

509	PATH	Verified?	Yes	Yes	Yes	No	
		Parent	101	101	109	109	
		Node	109	103	111	105	
		Metric	4	5	6	7	
	TENT	Parent	111				
		Node	107				
		Metric	9				

511	PATH	Verified?	Yes	Yes	Yes	Yes	No
		Parent	101	101	109	109	111
		Node	109	103	111	105	107
		Metric	4	5	6	7	9
	TENT	Parent					
		Node					
		Metric					

Figure 6

601	PATH	Verified?	Yes	Yes	No		
		Parent	101	101	109		
		Node	109	103	111		
		Metric	4	5	6		
	TENT	Parent	109	111			
		Node	105	107			
		Metric	7	9			
603	PATH	Verified?	Yes	Yes	Yes	No	
		Parent	101	101	109	109	
		Node	109	103	111	105	
		Metric	4	5	6	7	
	TENT	Parent	111				
		Node	107				
		Metric	9				
605	PATH	Verified?	Yes	Yes	Yes	Yes	No
		Parent	101	101	109	109	111
		Node	109	103	111	105	107
		Metric	4	5	6	7	9
	TENT	Parent					
		Node					
		Metric					
607	PATH	Verified?	Yes	Yes	No		
		Parent	101	101	109		
		Node	109	103	111		
		Metric	4	5	6		
	TENT	Parent	109				
		Node	105				
		Metric	7				
609	PATH	Verified?	Yes	Yes	Yes	No	
		Parent	101	101	109	109	
		Node	109	103	111	105	
		Metric	4	5	6	7	
	TENT	Parent	105				
		Node	107				
		Metric	14				
611	PATH	Verified?	Yes	Yes	Yes	Yes	No
		Parent	101	101	109	109	105
		Node	109	103	111	105	107
		Metric	4	5	6	7	14
	TENT	Parent					
		Node					
		Metric					

Figure 7A

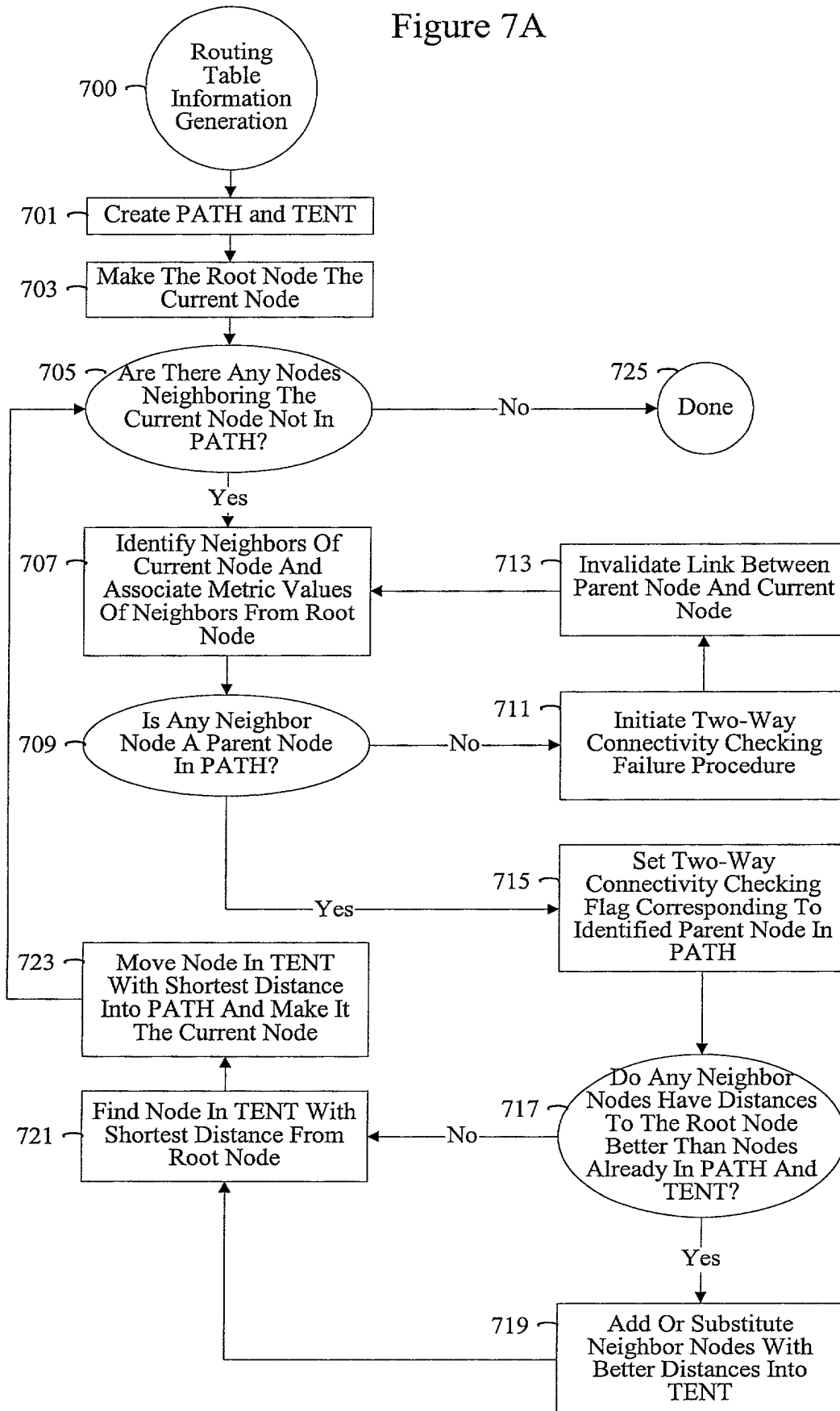


Figure 7B

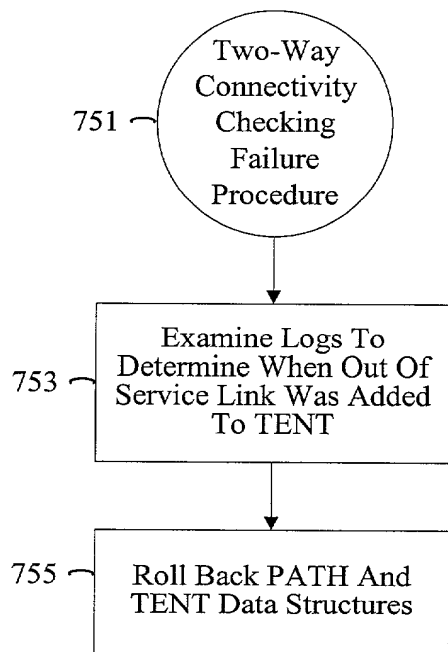
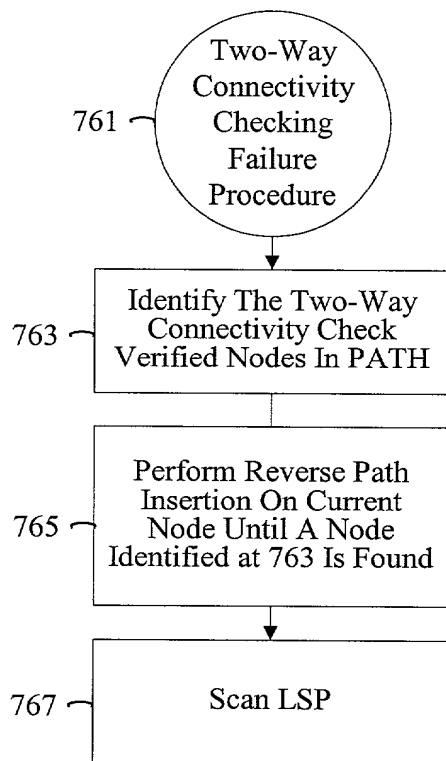


Figure 7C



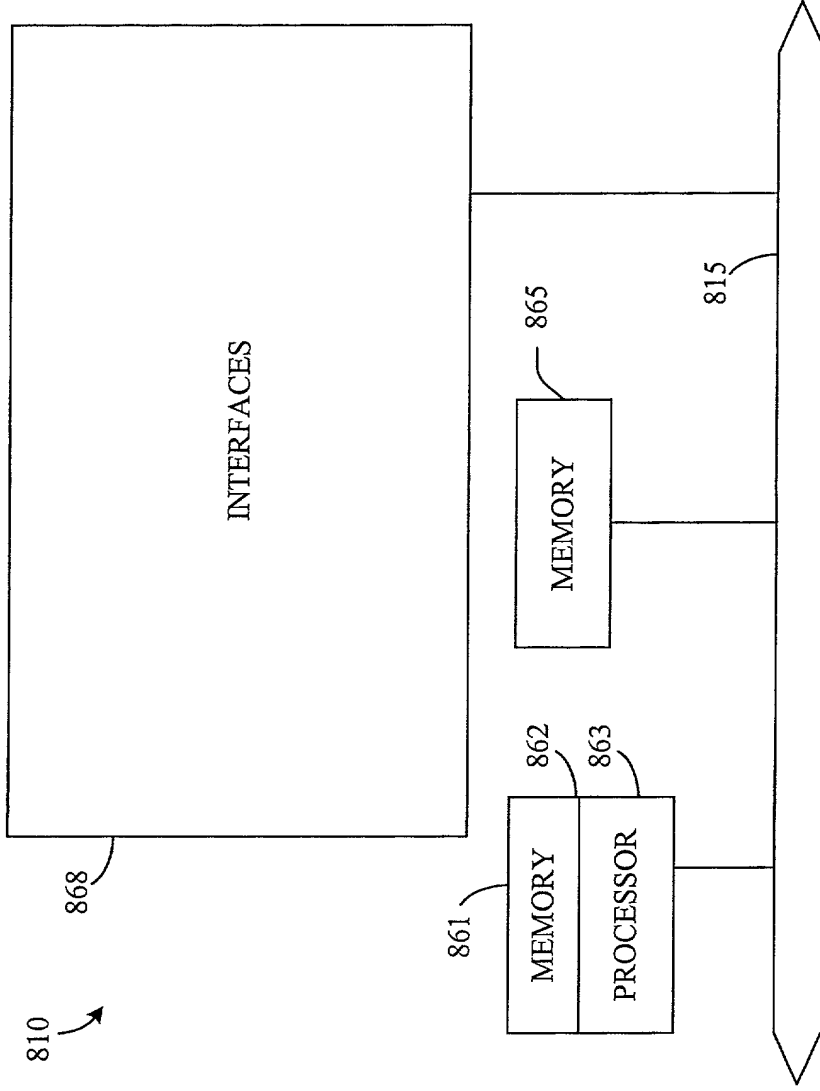


Fig. 8